



Update

July 2007

Welcome to the third newsletter from the **Centre for Remanufacturing & Reuse**, established with Defra support by Oakdene Hollins Ltd to promote remanufacturing and other reuse options. For those who have only recently registered to join our mailing list, the **first** and **second** newsletters from the **Centre for Remanufacturing & Reuse** are still available to read on our website.

Through this newsletter we hope to reach all those who are interested in keeping abreast of current developments in remanufacturing by providing them with up-to-the-minute news and information on remanufacturing worldwide.

Read our **CENTRE NEWS** for the latest progress in the promotion of remanufacturing and other reuse options. Keep up to date by reading our **INDUSTRY NEWS**.

GET INVOLVED with remanufacturing by reading about the opportunities to participate in projects currently being carried out at the Centre.

Further information on the items below and many other current reports and news items can also be found on our **website**.

We are now at the end of our third month of activity at the Centre. It's been a busy time kicking off the wide range of activities described in our plan. We've had a great response with industrial and commercial interest in the sector level activities tyres, toner cartridges, IT/EEE and compressors and an Automotive Forum to launch in September.

As a result, key activities in progress are:

Life Cycle Analyses

- We're doing a bottom-up analysis of mono toner cartridges, packaging and logistics using data from the world's largest remanufacturer.
- We are also doing a comparison of remould versus new tyres working with the Remould Manufacturers' Association. This will feed into brochures and publicity work with WRAP. More below.

Decision Tools

- Our top level **remanufacturing** decision tool is in a usable form. **Further development** is ongoing in conjunction with Bristol University but we are looking for companies to test it out. See under Getting Involved.
- Not forgetting the **reuse** end of the spectrum, we will be working with social enterprise FRN on a tool to help decide whether it is better to repair and reuse domestic appliances, or swap them for newer, more efficient models. We will eventually broaden this out to a general reman/repair/reuse tool.

We've also been active on the supplier side, generating purchasing specifications for those wanting to access remanufactured products with confidence. These specifications are up on the [website](#). More about specifications below.

We attended Defra's stakeholder event in June where we, along with all the other supported programmes, presented what we'd been doing last year. It was an event open to industry and all others who might benefit. The good news is that, in the open forum, there was clear talk by companies, agents and policy makers about "going up a gear" from recycling to reuse and remanufacture with the extra value benefits. There's been no better time to be involved!

Feasibility Studies

Our call for Feasibility Studies in remanufacturing has had a great response. It's still not too late to apply, but you'll have to be quick as the closing date is 6th July 2007. For more details, make sure you've registered on our website and logged in, and then visit Centre News and the Feasibility Studies link.

Events

The Engineering and Physical Sciences Research Council (EPSRC) Network on Product Life Spans is holding a one day event on **product maintenance** on Thursday **20 September 2007** in Sheffield for all those concerned with extending the life span of products through repair, maintenance and upgrading. [Read more:](#)

It is not too late to register your interest in the FREE one day **remediation for remanufacture technology seminar** being held on **10 October 2007** at the Leeds University campus by the CRR, together with Leeds University Department of Mechanical Engineering and the Resource Efficiency KTN. [Read more](#), including the provisional agenda, on our website:

Life Cycle Analyses

We have commissioned Best Foot Forward to perform two carbon footprint studies on the remanufacture of toner cartridges and retread tyres. These studies should provide insight into the potential environmental benefits of remanufacturing. Our approach is based on taking "real world" data from operators and users to by-pass theoretical manufacturing and performance standards debates. We are keen to hear from you if you have other products that you remanufacture which you feel would benefit from carbon footprinting. Go to our [website](#) or [contact us](#) to find out more information.

Brochures & Publicity

Life Cycle Analysis is a good first step to underwriting the value of remanufacturing. A logical next step is to tell potential purchasers about that benefit. We'll be working with the remould tyres sector to produce brochures describing the services of quality operators. If you think your sector should get together and tell a story please [contact us](#).

Purchasing Specifications

We have added five new [purchasing specifications](#) for remanufactured goods to our website for remanufactured **CRT** and **LCD monitors, printers** and **print toner** and **ink cartridges** and **compressors** for refrigeration and air conditioning. These are in addition to our previous specifications for remanufactured photocopiers, office furniture, workstations/servers and tyres.

We are very keen to hear your views on these specifications – Are they helpful? What are your experiences of using them? Can you quantify the benefits? We welcome ideas for other products for which we could generate specifications.

We are working hard to encourage the adoption of these specifications by purchasers by the use of appropriate partners. In the private sector this is [Action Sustainability](#), while in the public sector the Market Transformation Programme, Regional Development Agencies and Local County Councils are getting involved. We also hope soon to be working with the Chartered Institute of Purchasing & Supply and Universities around the country. There is currently a lot of discussion about sustainable procurement, so here is an easy way for you to help to turn discussion into sustainable purchasing actions!

If you would like to get involved with this work please [contact us](#).

Canada - Government encourages use of remanufactured office furniture

Three Canadian firms are helping the federal government be more environmentally friendly after qualifying to provide the government with remanufactured office furniture. With a combined value of US\$600,000, the Regional Master Standing Offers awarded to the three firms will help the government play a role in keeping office furniture out of Canada's landfills. [Read more:](#)

SKF and Baosteel to establish remanufacturing joint venture

SKF AB, the world's leading ball bearing maker, has teamed up with Baosteel Group Cooperation to establish a remanufacturing facility that will turn used parts into new products. The facility will be run by a joint venture between the two companies, in which SKF will have a majority stake, according to their joint statement. [Read More:](#)

North American Remanufactured Engine and Transmission Aftermarket

This Frost & Sullivan research service, titled North American Remanufactured Engine and Transmission Aftermarket, provides unit shipment and revenue forecasts, revenues by product type, distribution channel analysis, and market share analysis amongst other things. In this study, Frost & Sullivan's expert analysts thoroughly examine the following markets: remanufactured gasoline engines, diesel engines, automatic transmissions, and manual transmissions. [Read more:](#)

Canada - Government & Railway Association of Canada on track towards a cleaner, greener rail system

The Government and Railway Association of Canada have announced a new agreement that will help reduce air pollution and greenhouse gas (GHG) emissions in the rail sector. A Memorandum of Understanding (MOU) with the four large Canadian railway companies (Canadian National, Canadian Pacific, Via Rail and Go Transit) is a first step in a broader plan to reduce air pollution from railway operations consistent with the requirements of the world-leading standards of the United States Environmental Protection Agency (EPA). The MOU includes agreement to upgrade, upon remanufacturing, all high-horsepower locomotives and all medium horse-power locomotives to EPA emissions standards. [Read more:](#)

Our news database is continually being updated. For the latest news items on remanufacturing click [here](#).

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